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ABSTRACT

To prepare students for attending school out-of-doors, this manual addresses the student directly. Topics covered in the first part of the manual include the Outdoor School site, the school staff, living at the Outdoor School, studying in the Outdoor School, fun at the school, and a brief paragraph of initial preparation for the Outdoor School. The second and major portion of the manual covers clothing and equipment needed, various activities to be undertaken, general rules and regulations, and special tools for students to make for use at the school. Other parts of this section include duty rosters for boys and girls, discussion of camp manners, clean-up procedures, and hints for cabin living and inspection. The Outdoor School is a 1-week residence camping experience designed for all sixth-graders and their teachers in the Multnomah County Intermediate Education District, Oregon. Related documents are ED 018 376, RC 004 250, and RC 004 253. (DB)

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THE STUDENT'S GUIDEBOOK FOR THE OUTDOOR SCHOOL

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A service of Multnomah County Intermediate Education District
Thomas J. Sommerville, Superintendent

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Photographs by Jim Anderson, Multnomah Outdoor Education
Art Work by Marilyn Coats, Susan McClure and Dave Heine

DEDICATED TO:

those pioneers in Outdoor Education in Oregon whose tireless and dedicated efforts have contributed so much to the movement. Principal among these are Margaret Milliken, Associate Professor at Oregon State University; Bob Brown, formerly of Soil Conservation Service; Austin Hamer, formerly of the Oregon Game Commission; Roberta Roberts, Prineville Schools; Dr. Irene Hollenbeck, of Southern Oregon College; Roy Johnson, of Soil Conservation Service; Ernie McDonald, U.S. Forest Service; Ed Quan, of Oregon Sanitary Authority; and the many Resource Specialists on the staffs of Regional and Multnomah Outdoor Education.

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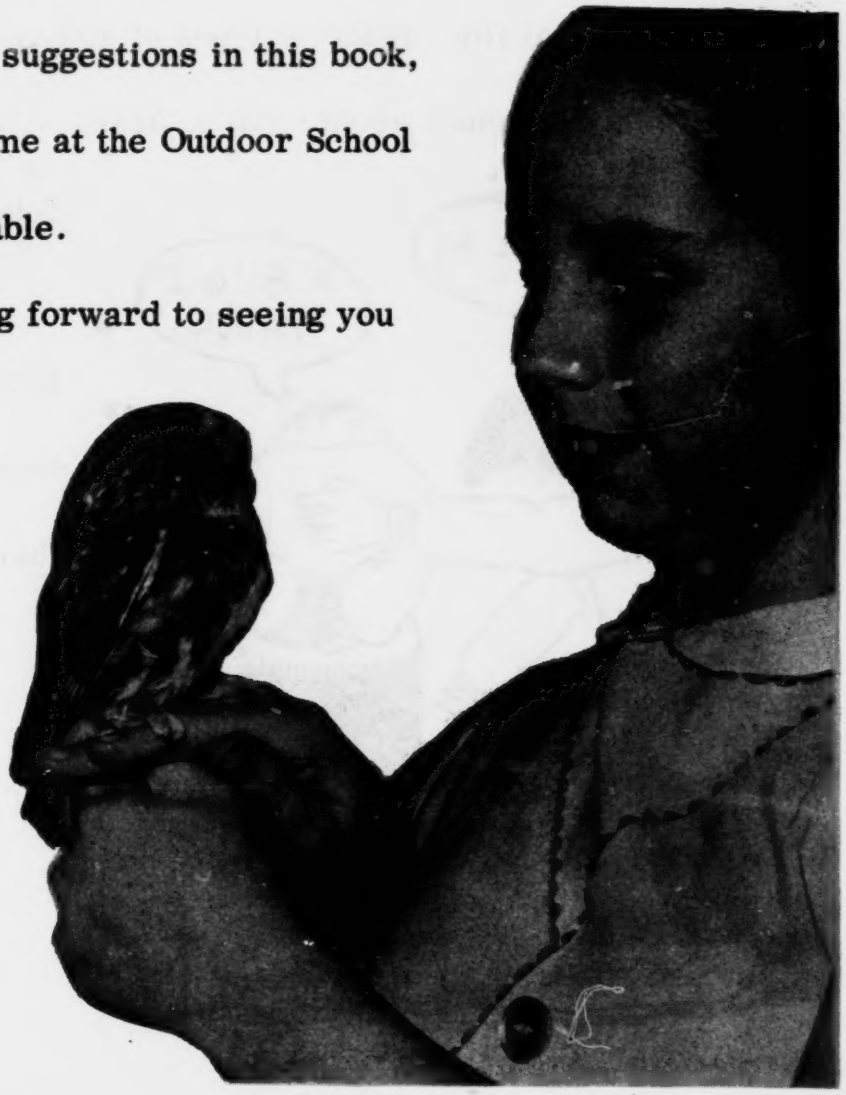
TO THE OUTDOOR SCHOOL STUDENT

This Guidebook has been written for you. You will soon be leaving the four walls of your indoor classroom to attend school in the out-of-doors. The week you spend at the Outdoor School will give you a chance to learn about our natural resources: Soil, Water, Plants, and Animal Life. I think you'll find that learning about these resources in Nature's classroom is fun because you will be surrounded by the things you are studying and you can see, touch, and hear nature around you.

Read this Guidebook carefully so you can be thoroughly prepared for your Outdoor School experience. Share the Guidebook with your parents, too. If you follow the suggestions in this book, it will help you feel more at home at the Outdoor School and make your time more valuable.

The staff and I are looking forward to seeing you at your school in the out-of-doors. See you soon!

Your Outdoor School
Supervisor



THE OUTDOOR SCHOOL SITE

Since the Outdoor School is intended to let you study for a whole week in the outdoors, an effort has been made to move you right next to your outdoor laboratory. A regular children's summer camp has been rented for this purpose. There you will have snug cabins to live in, a large dining hall in which to have meals, shower and wash facilities for your personal cleanliness, and a dispensary to go to should you become ill. For your daily studies in the out-of-doors your class will have a plot of ground for your "classroom." This outdoor classroom will be quite different from the one you are accustomed to. For one thing, it is much larger. On the study plot you will find forested areas, open meadows, a variety of plant and animal life, different types of soil, and a stream or lake. Here your class will discover much about nature, assisted by your teacher and the Outdoor School staff.

Three other classes from different schools will also attend the Outdoor School the week you are there, each with its own study plot.

DO YOU KNOW WHY TOADS ARE CALLED AMPHIBIANS?

HOW DO TOADS PROTECT THEMSELVES FROM THEIR ENEMIES?

WHERE WOULD YOU LOOK FOR TOADS?

WHAT DO TOADS EAT?

ARE TOADS A HELP TO MAN?

DO TOADS CAUSE WARTS?

THE OUTDOOR SCHOOL STAFF

School in the out-of-doors requires a great many people working together. Many of the people you will get to know during this week are: the Supervisor, Resource Specialists, Senior Counselors, Nurse, kitchen staff, and the caretaker. These people are there to see that you enjoy your week of Outdoor School and learn as much as possible.

LIVING AT THE OUTDOOR SCHOOL

Unlike your study group, which is your entire class on the study plot, your living group will be made up of students from the other schools. You and one of your classmates will join 6 or 8 other sixth-graders to make up a cabin group, either of boys or of girls. Each group will live in a separate cabin under the leadership of a trained, high-school-age person called a Junior Counselor. Your Junior Counselor is there to help you in everything you do during your week in the Outdoor School and will want to become your very close friend. Girls' cabins are grouped in one part of the camp, boys' cabins in another.

Each day you will perform a small share of the duties which are important for the successful operation of the school. Most of your work duties will be done with some members of your cabin group, and it will be your responsibility to MAKE SURE YOU REPORT FOR THESE DUTIES ON TIME at the location listed later in this Guidebook. As a duty group you will, at one time or another, sweep

floors, set tables, serve food, clean tables and scrape dishes, carry firewood, clean the wash and shower houses, clean up the grounds, raise and lower the flag, forecast the weather, and act as host or hostess at meal times.

In addition to the general school duties, it will be your responsibility to see that your bunk area and cabin are in good shape. A group of students conducts an inspection of cabins and an "honor flag" award is made to the boys' cabin and to the girls' cabin which has the highest rating of the day.

Everyone will eat in the dining hall. School cooks are employed to see that you get delicious, balanced meals. Seconds are available at all meals and no one will go hungry. In the dining hall you may sit where you wish. It is recommended

that students from the same class not bunch up at a single table. Much of your personal enjoyment during this week will come from meeting and making friends with boys and girls from other schools.

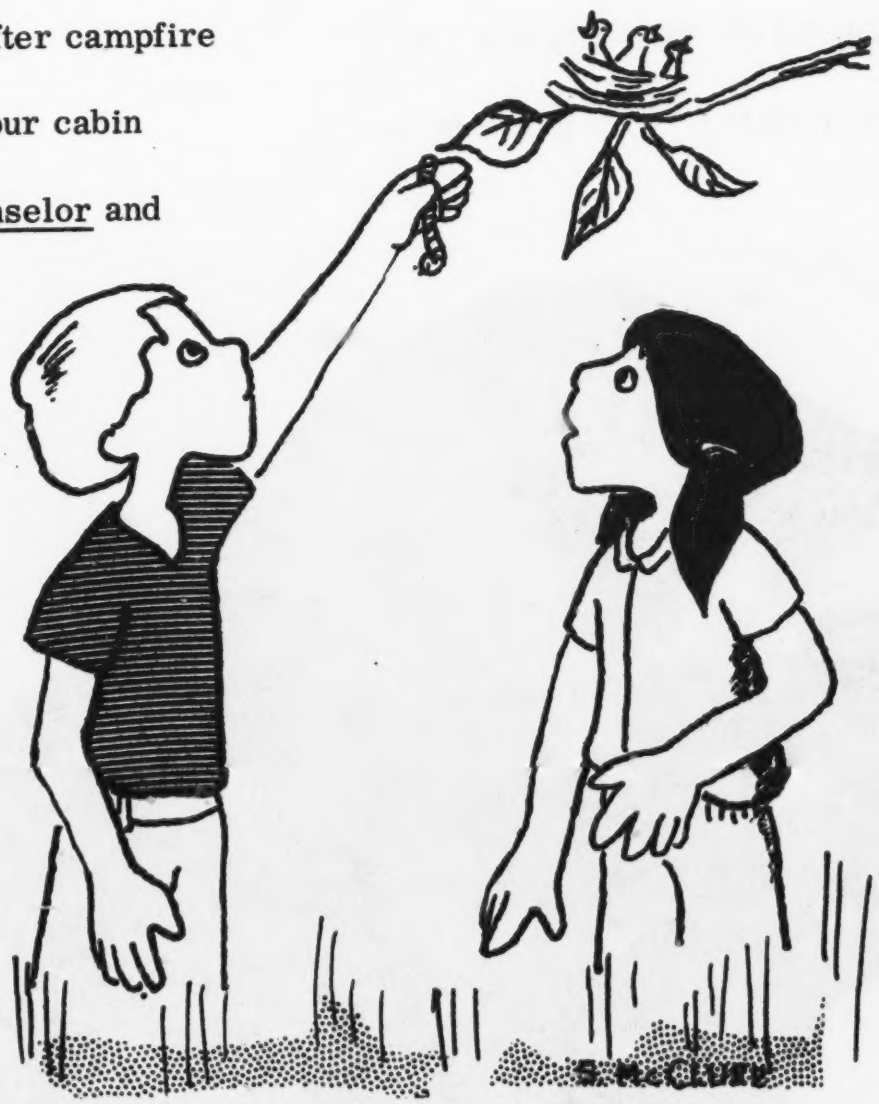
STUDYING IN THE OUTDOOR SCHOOL

Each day from 9:30 to 12:00 in the morning and from 2:00 to 4:30 in the afternoon you will go to your outdoor classroom with your teacher, classmates, and members of the staff. Each day you will study one of the natural resources: Soil, Water, Plants, or Animal Life. Since you will be surrounded by nature, you will be concentrating on natural science and conservation; however, your other school subjects will not be neglected. They will simply be presented to you in new and different ways and become a part of your nature study. You will find that you will be working mostly in small groups doing things that will help you to understand nature.

HAVING FUN AT THE OUTDOOR SCHOOL

Every afternoon there is a recreation period. Archery, bait casting, riflery, knife and axe, hiking trips, and nature crafts are offered. You are encouraged to try as many of these activities as possible during your stay.

Each evening there will be a fun campfire everyone will attend. Both the staff and your cabin groups will provide the nightly program. During campfire you sit together as a cabin group with your counselor, singing and enjoying stunts and skits. After campfire you will return to your cabin <u>with your cabin counselor</u> and prepare for bed.



PREPARING FOR THE OUTDOOR SCHOOL

Before attending the Outdoor School, your teacher will pass out a letter, a brochure, and a form to take home to your parents. The letter and brochure will explain to your parents about the Outdoor School. The form is a health history and permission slip your parents must fill out and sign. This form must be completed and returned to your teacher <u>at least 10 days</u> before departing for the Outdoor School.

THIS FULL-GROWN OWL IS NO BIGGER THAN YOUR HAND.

HE IS ABLE TO HEAR A MOUSE IN GRASS OR DRY LEAVES AS FAR AWAY AS 50 FEET. HE MAKES A SOUND LIKE SOMEONE SHARPENING A SAW.

CAN YOU NAME THIS LITTLE OWL?

LOOK FOR HIM AT OUTDOOR SCHOOL.

CLOTHING AND EQUIPMENT FOR OUTDOOR SCHOOL

Following is a suggested list of items you will need. Please do not put your family to any needless expense, but rather bring older clothing and equipment that you might already have around home. The main thing you want to consider is if you will be dressed warmly enough and if you can keep dry in case of rainy weather. Footwear is probably the single most important item on the list.

Sleeping Gear

Warm sleeping bag or heavy, 3 blanket bedroll and sheet
(Extra blanket if sleeping bag is light)
Pillow and case

Clothing

Hat
Shirts (3 or 4)
Jeans or heavy trousers (4 or 5 pair)
Warm jacket
Sweater
Socks (6 to 8 pair)
Underwear (4 to 6 changes)
Handkerchiefs
Pajamas
Slippers
Raincoat
Waterproof head covering
Sturdy boots (or rubber or plastic overshoes)
Lightweight shoes
Tennis shoes
Shower thongs
Hip boots (only if you already have a pair)
Gloves

Toilet Kit

Bath towel
Hand towel
Wash cloth
Soap and container
Comb
Toothbrush and paste
Lip salve
Facial tissue
Hairbrush (girls)
Shower cap (girls)

Equipment

Flashlight	Roll of scotch tape
Extra batteries and bulbs	Camera and film (optional)
Letter writing materials (paper, envelopes, stamps, or postcards)	Musical instrument (optional)
Pencil	Binoculars (optional)

PLEASE DO NOT BRING MONEY, RADIOS, COMIC BOOKS, CARD GAMES, MATCHES, OR ANYTHING TO EAT - INCLUDING CANDY OR GUM.

IDENTIFICATION OF PERSONAL POSSESSIONS

It is important that you not lose clothing or other possessions while at the Outdoor School. All personal items and equipment must have your name marked clearly on them. It is recommended you use a waterproof felt pen, a sewn-on name tag, or embroidery to mark all items. It would also be to your benefit to to make out a check list of what you take to the Outdoor School and recheck it carefully before returning home. This is your responsibility.

You will each be given three baggage identification tags. These are to be securely attached to your suitcase, handbag, and bedroll or sleeping bag.

On each of these should be written your name, address, and the name of your school.

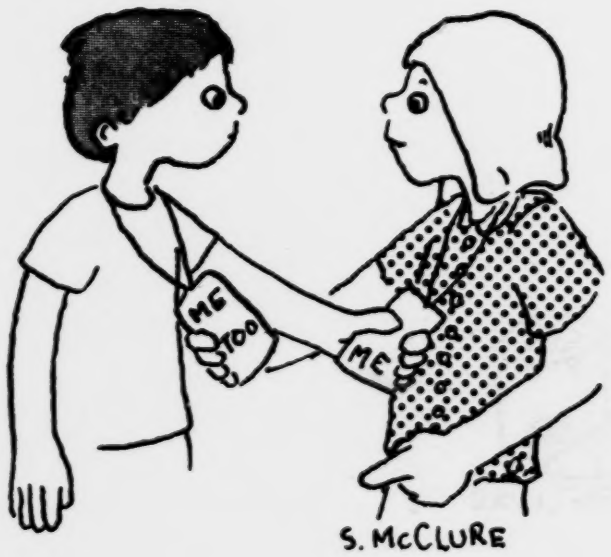
DEPARTING FOR THE OUTDOOR SCHOOL

On the Sunday you leave for the Outdoor School you should bring your baggage to school. Your teacher will give you directions on the time to be there. It is recommended that before loading the bus you double check to make sure your baggage tags are filled out and attached to your belongings. Your teacher will place the equipment you made in boxes for transport to the Outdoor School.

ARRIVAL AT THE OUTDOOR SCHOOL

When you arrive at the Outdoor School site you should remain seated and quiet until the Site Supervisor boards your bus and gives you instructions. Your teacher will then give you your own Health History Form to hold until taken up by the nurse or doctor at the dispensary. Your baggage, sleeping bags, handbags, coats (unless needed), and other gear should be left on the bus. The Outdoor School staff will unload the bus and place your class's gear in a safe, dry area, separate from other groups.

The girl students will be asked to leave the bus and assemble around one of the Junior Counselors, a high-school-age girl. She will lead you to the dispensary for a medical check. The boys in the class will follow one of the boy counselors in the same manner. After your medical check the Junior Counselors will remain in charge of you and direct your return to general assembly in the dining hall. At this time everyone will be given



a name tag to hang around his neck. This will help you learn the names of all your new friends. If time permits, your cabin counselor will take you on a tour of the Outdoor School site.

Some of you will have a duty on Sunday. Duties will be chopsticks, weather, flag, host, hostess, Johnny Jump-up, and K. P. Your counselor will tell you if you have such a duty and, if so, where and when to report. Chopsticks, flag, and weather will report to their stations about one half hour before the dinner meal, and K. P.'s will remain after the meal. Hosts, hostesses, and Johnny Jump-ups will report at the regular time to the dining hall, where they will be informed of their duties before entering the dining hall.

Evening flag ceremony will be conducted just before dinner. A bugle call will announce this event. Everyone will assemble in a double line in front of the Outdoor School office and then will be marched quietly to the flag area, where a short ceremony will follow. After flag ceremony, everyone follows the column to the dining hall.

After dinner you will have a short meeting with your teacher in a place that will be announced during the mealtime. When the bugle is sounded announcing campfire (at the end of your teacher's meeting), you should immediately return to your cabin, get with your counselor and move out to the campfire area as a cabin group. It is important that you dress warmly enough for campfire. At the campfire your cabin group will sit together. When campfire is over you will be dismissed by cabin groups. Staying with your counselor, walk quietly

to your group's cabin and begin preparation for bed. Shortly you will hear the bugle call "Tatoo," which means that five minutes later the last bugle call, "Taps," will be sounded. Lights are to be out and everyone quiet for the night by the time "Taps" is played.

DURING YOUR STAY

You will be participating in many different activities while at the Outdoor School, so there are some school rules and procedures you will be expected to follow. The information in this section will help you understand what your various duties and responsibilities will be.

RULES FOR THE OUTDOOR SCHOOL

1. Students MUST NOT leave the camp grounds unless under the direction of a counselor or teacher. Boundaries are explained at the opening assembly at the dining hall.

2. Students MUST NOT wade in creeks or lake unless directed by a counselor or teacher.

3. Students MUST NOT throw rocks.

4. Students MUST NOT run.

5. Students MUST NOT carry matches or create fires of any kind. (The supervised Hobo Stove breakfast is the exception.)

6. Students MUST NOT leave cabins from TAPS at 9:20 p.m. until REVEILLE at 7:00 a.m. (Absolute quiet is to be maintained during those hours.)

7. Students MUST NOT leave cabins during quiet time (except for supervised showers). Subdued activity is expected.

8. Students MUST NOT remove, injure, or destroy living plants or animals. Collecting of scientific specimens under the guidance of a counselor or teacher is permitted.

9. Students MUST NOT fail to report any injury or sickness to the Outdoor School nurse immediately, day or night. Persons seriously injured or ill should not be moved or made to walk to the nurse's dispensary. The nurse should be immediately summoned to them.

10. Students MUST NOT fail to comply with the Outdoor School schedule. It insures the greatest good for all attending.

OUTDOOR SCHOOL CONDUCT

Everyone at the Outdoor School must remember he is a guest at the camp and must conduct himself accordingly. Littering the grounds, destroying property, and acting in an obnoxious manner are not the acts of a good guest.

Continuous sounding of the fire horn will indicate a fire in camp, and everyone should assemble immediately at the flagpole area.

Any infraction of the rules should be immediately called to the attention of a counselor or teacher.

FRIDAY SCHEDULE (6:30 A.M. REVEILLE)

Because of the Friday morning cookout there is no need for chopsticks, K.P., host or hostess, and Johnny Jump-up duty; however, these duties are scheduled for noon meal. Flag and weather duty groups are scheduled as usual, and everyone will take part in the flag ceremony at 7:10 a.m.

At approximately 7:20 a.m. all cabin groups will conduct their cookouts under the guidance of cabin counselors. All students will pick up their hobo stoves, burners, turners, and fire dampers when they report in front of the dining hall with their cabin group. Cookout food will be issued only when the cabin group is complete. It may be picked up by the counselor and two students from each cabin. All cooking must be done in the area designated for this purpose.

The cookout should be completed, cooking areas cleaned up, and hobo stoves disposed of by 8:45 a.m.

NOTE: Because of the rather tight schedule on Friday there will be no formal cabin inspection, BUT since this is the day of departure all cabin groups should make every effort to have their gear packed and ready for transporting home. Cabin groups (except for those having morning flag or weather duty) should have all baggage packed and placed neatly on the bunks before the morning flag ceremony. The cabin groups on flag and weather duty should make every effort to do this immediately after the cookout is completed. If required, the duty groups of woodchuck, roustabout, and K. P. report immediately after tree planting ceremony for completion of their jobs.

Chopsticks and flag groups will report at 11:00 a.m. Lunch will begin at 11:15 a.m. At the completion of the meal you will attend the final flag lowering ceremony. Immediately following flag you will go to the tree planting ceremony then return to your cabins and finish carrying your baggage to your class loading area. (Woodchuck, roustabout and K.P. report for duty.) You are to make sure your cabin is in an excellent state of cleanliness and ready to be occupied by a new group of students the following week.

DO YOU THINK THE DEER AND THE COUGAR DEPEND ON AVAILABLE HABITAT AND EACH OTHER FOR THEIR SURVIVAL?

WHY?

THINGS TO MAKE FOR THE OUTDOOR SCHOOL

Since you will be doing many acticities in the out-of-doors that require the use of special tools, it will be necessary for you to make some of this equipment. Many of these items may be made at school, but in some instances your teacher may want you to complete these at home. The following pages explain how to make these items to be used at the Outdoor School.

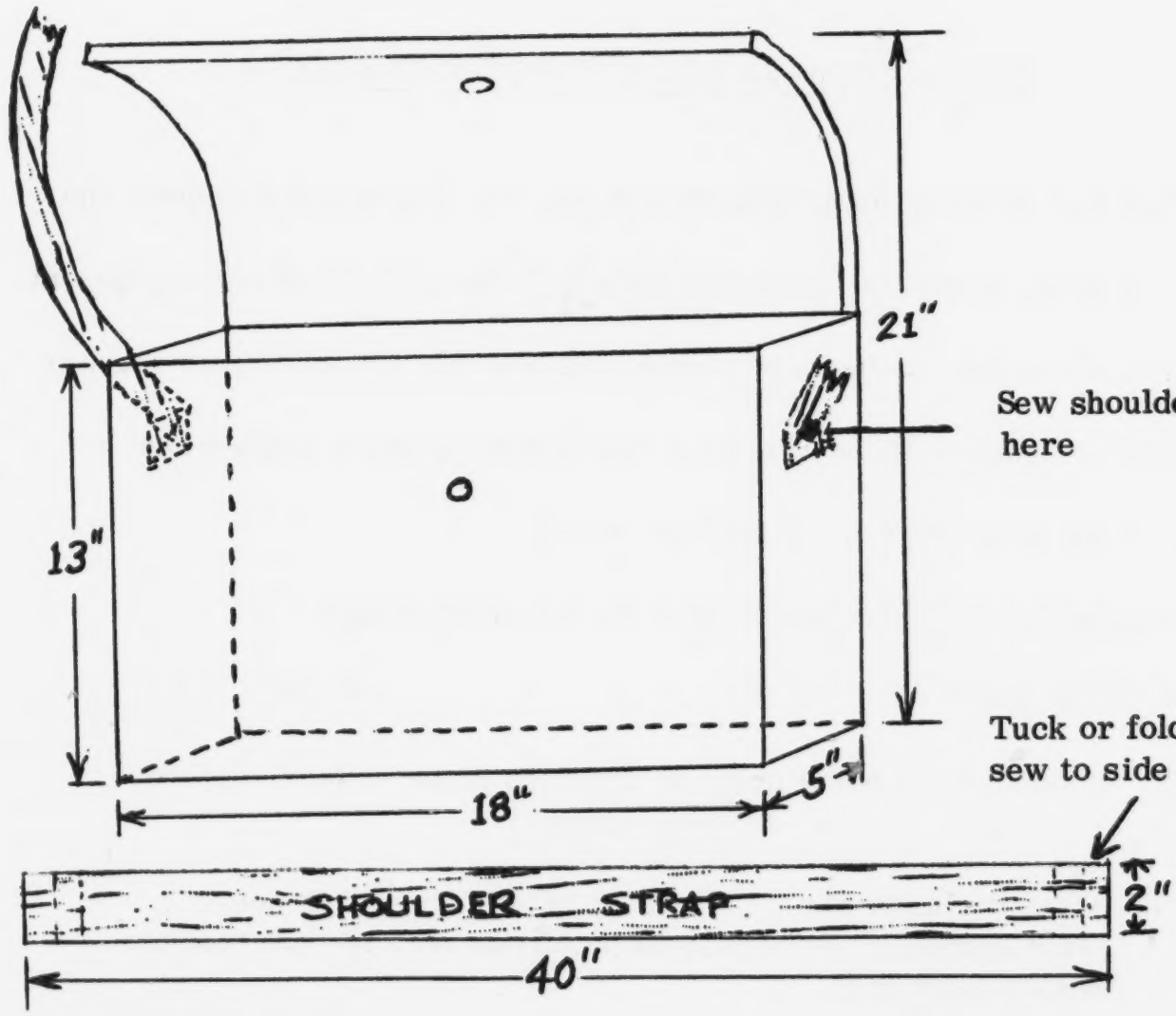
Each member of the class should have the following items:

1. Tote Bag
2. Hobo Stove (4 parts make up the Hobo Stove - stove, burner, turner, and fire damper)
3. A small plastic bag or small jar of soil from your home. (This container of soil should be turned over to your reacher before departing).

It is not necessary for each student to have the following items. In parentheses are suggested numbers for the total class to have.

1. Plant press (2-4)
2. Killing jar (5-6)
3. Collecting net (4-5)
4. Animal trap (10-12)
5. Collection box (4-5)
6. Two pound coffee can (2)

TOTE BAG



MATERIALS NEEDED

2 end panels - 5" x 13"
2 side panels - one 13" x 18"
one 21" x 18"
1 bottom panel - 5" x 18"

STRAP - This should be long enough to allow the bag to hang at the student's hip and still go comfortably over the opposite shoulder.

Heavy thread

Heavy cloth or plastic material is needed to make this bag serviceable.

You may wish to put a snap on the dust cover.

When stitching the bag together, it may be desirable to tuck the edges under to give the hems a finished look.

If you are unable to make a tote bag, an adequate bag can be purchased at any surplus store at small cost.

Regardless of whether you make or purchase your tote bag, you should be sure it is large enough to hold a Field Study Notebook, Students' Guidebook, extra paper, pencils, ruler, and other individual items that you will be using on the field study plot. This tote bag is worn at all times during your field study. It may be thought of as your "traveling desk."

HOBO STOVE

MATERIALS NEEDED

1 #10 tin can
1 Tuna fish or pet food can with lid
Paraffin or wax
String or candle wick (3 inches long)
Newspaper or corrugated cardboard
2 Green sticks (12 inches long)
4 Small nails
Can opener
Hammer
Tin snips
Wire

INSTRUCTIONS

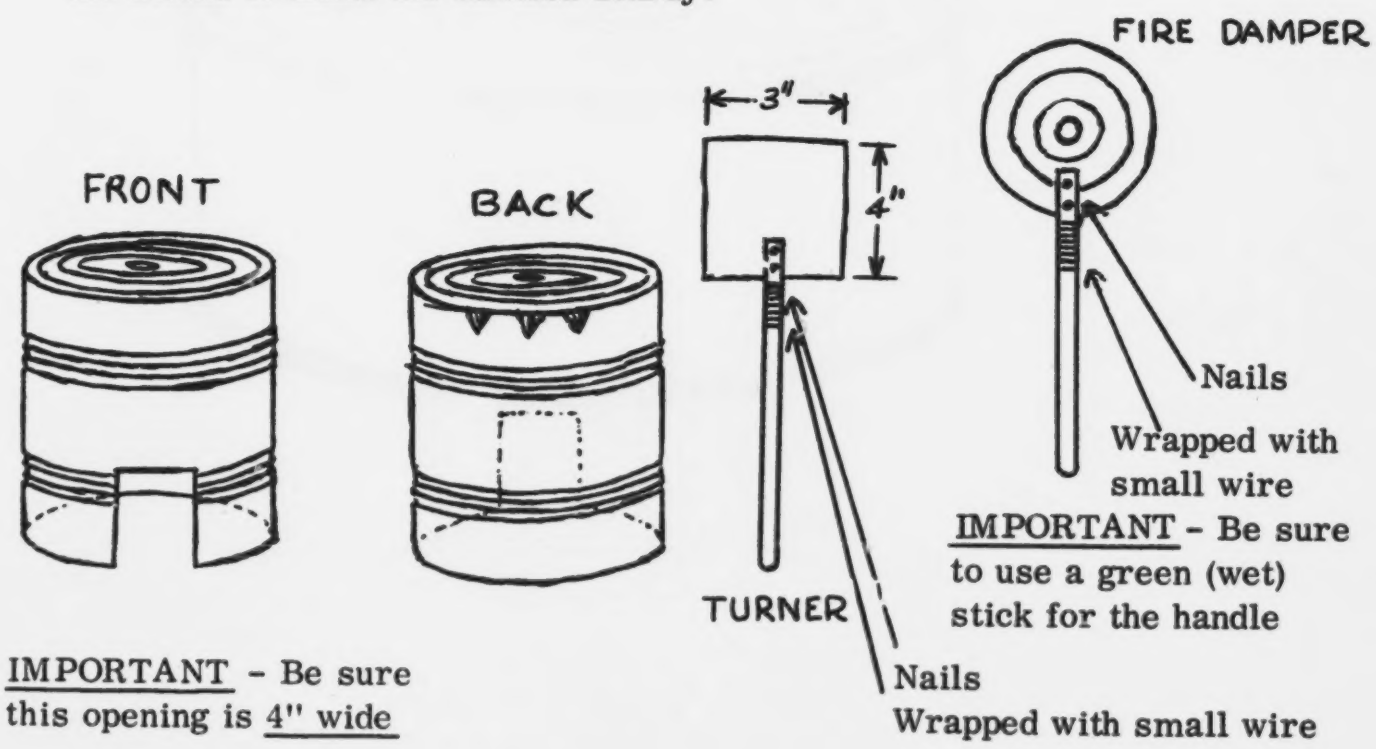
1. Cut a door from the #10 can, approximately 3" x 4" (see illustration below).

2. On the opposite side of the #10 can at the top side use the can opener to punch 3 holes to act as a draft for the stove. (See illustration)

TURNER AND FIRE DAMPER

1. The 3" x 4" piece of tin which was cut from the #10 can will become the turner. The lid from the tuna can will be your fire damper.

2. A small slit is cut in the end of the green sticks and the 3" x 4" peice of tin and the lid from the tuna can are now to be placed in the slits. The turner and the damper should be securely fastened by pounding two small nails into each of these. The wire should be wrapped around the end of the sticks to make the handles sturdy.



BURNER

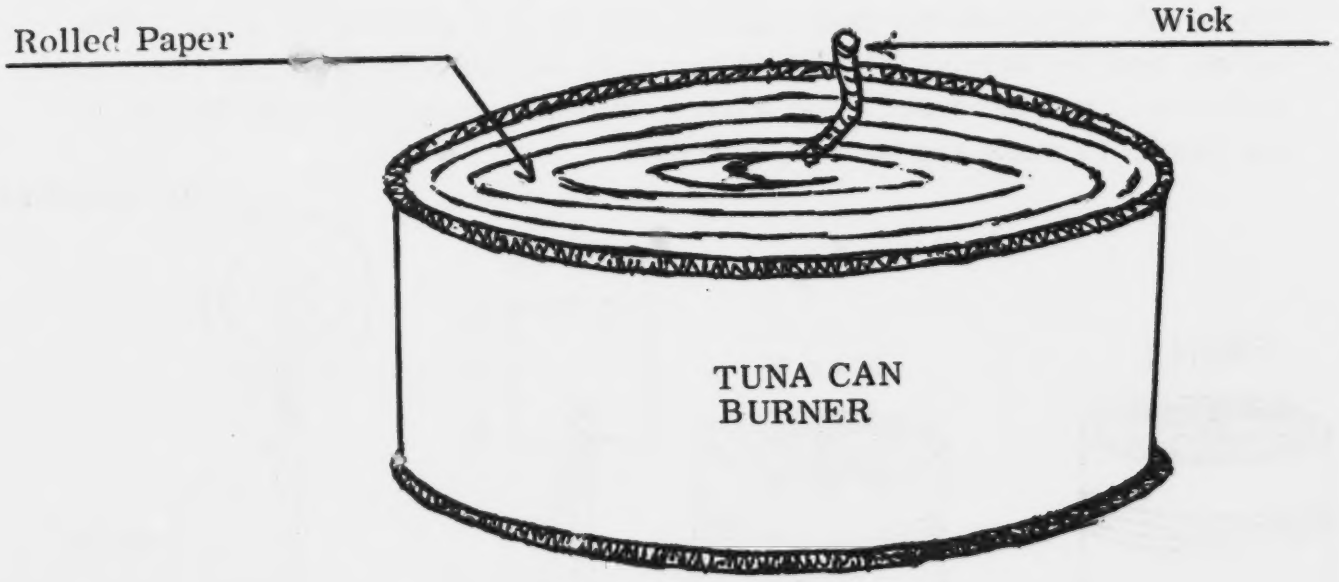
1. Take some newspaper or cardboard and cut it into strips the height of the tuna can. (If you use cardboard, you should strip off one side of the cardboard and use only the corrugated strip.)

2. Before beginning to roll the paper, put a 3" piece of string into the middle of the cardboard or paper and let it stick above the paper. This will help light the burner.

3. Roll the paper strips into a wheel, adding more strips of paper as needed until the ball fills the tuna can. Make sure the paper is rolled as tightly as possible.

4. Pour melted paraffin into the can (but not quite to the top of the rolled paper) after you have put the rolled paper in it.

NOTE: Melting paraffin can be dangerous. Let your parents or teacher do this with you.



PLANT PRESS

A plant press is a desirable item to bring with you to the Outdoor School. All plant collectors have them. You can make one either of cardboard or of wood. Either of the two kinds described here will do a good job.

CARDBOARD PLANT PRESS

These are easy to make and cost nothing. Get these materials to make one:

1. Four 12" x 14" sheets of corrugated cardboard, it has a corrugated filler that allows air circulation. This can be obtained from your grocer.

2. Sheets of newspaper. Use the absorbent news section rather than a magazine.

3. One wooden board about 1" x 12".

4. Three or four large rubber bands. Old inner tubes provide good ones. They make a firm press.

5. Two bricks or other weights. You can find these at the Outdoor School.

WOOD PLANT PRESS

If you like to make things with tools, this press is not hard to make. It is the kind most botanists use. Wood lath or other wood strips can be used. Follow these instructions:

1. Cut 10 pieces of lath 12" long, and 4 pieces of lath 13 1/2" long. Smooth lath with a hand plane.

2. You will need 40 small nails, or 1/2" round-head screws.

3. Tools needed are hammer or screwdriver and a square. A small hand drill helps to keep lath from splitting.

4. Make two frames to look like the drawing. Be sure they are square.

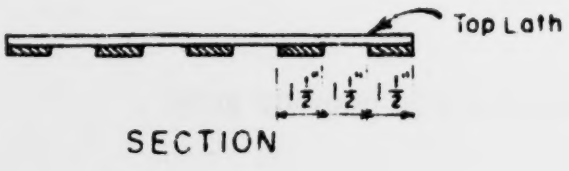
5. Get two straps, or cut rubber bands from a larger inner tube. Rubber bands work better. They bind your press firmly.

6. You need newspaper and corrugated cardboard as you use for the cardboard plant press.

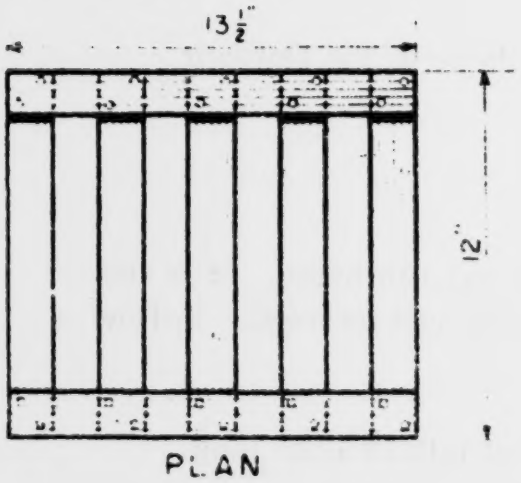
7. Place at least 10 pieces of 9" x 11" white paper in between newsprint. The plants will be placed on a piece of paper for preservation.

8. You are ready to collect and press plant specimens.

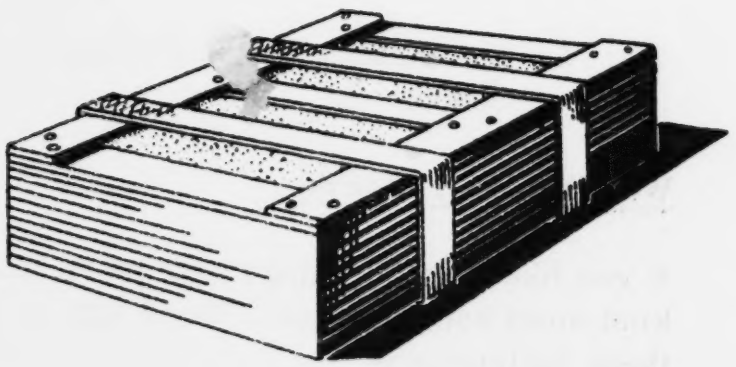
<u>BE SURE TO KEEP CAREFUL RECORDS</u>



SECTION



PLAN



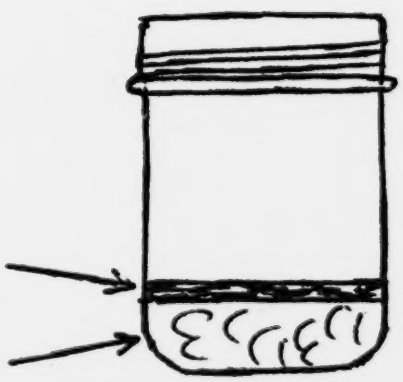
PLANT PRESS

KILLING JAR

MATERIALS NEEDED

Pint size, wide mouth jar with lid that fits tightly.
Enough cotton to cover bottom of jar 1" deep.
A thin piece of cardboard cut to fit over the cotton in jar.
1" of Plaster of Paris could also be used.

At the Outdoor School you will be given some killing fluid which is used to saturate the cotton.



KILLING JAR

COLLECTING NET

MATERIALS NEEDED

Piece of strong wire (a clothes hanger works very well).
A square of cloth approximately 1 yard square (curtain material or similar cloth works best).
A wooden handle 3 feet long.

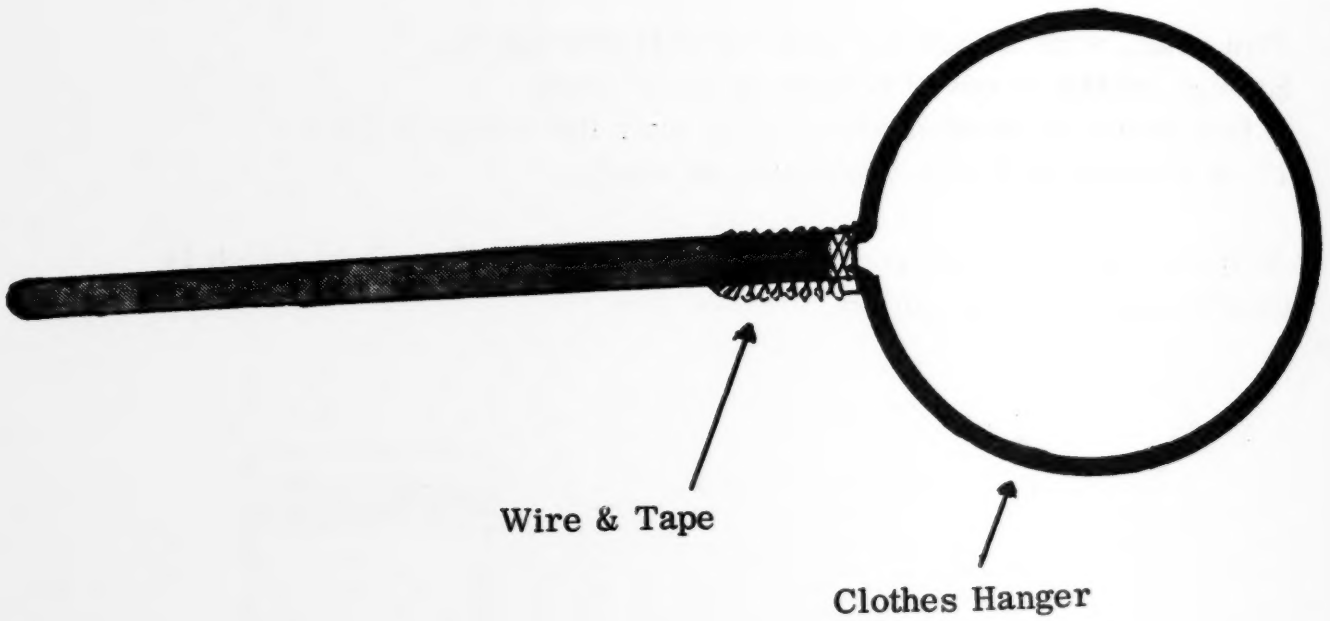
INSTRUCTIONS

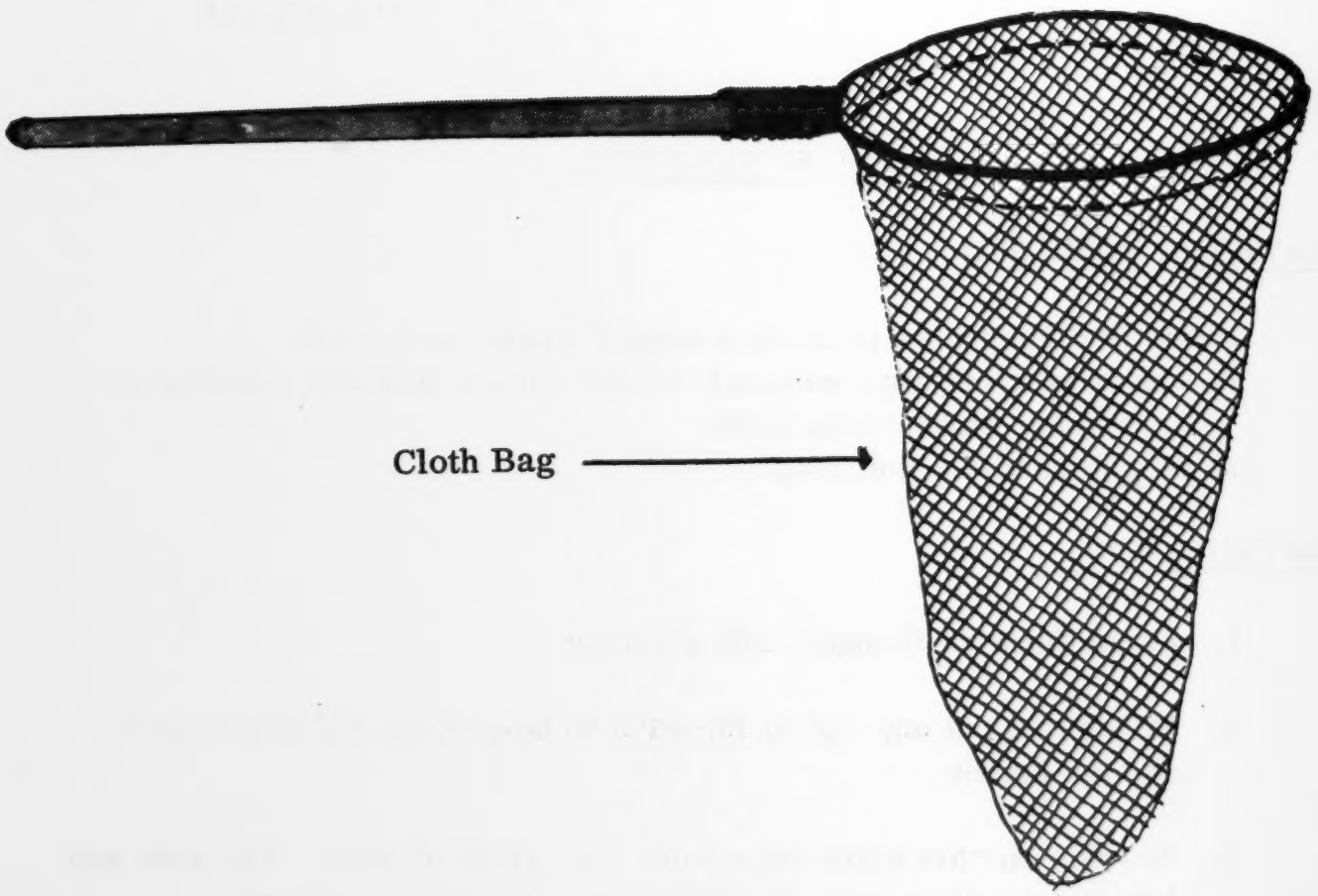
1. Form the wire (hanger) into a circle

2. Straighten out one end of the wire to help form the attachment for the handle.

3. Sew the curtain material around the circle of wire. The side and bottom should be sewed together to make the net complete.

4. Bind the wire handle onto the end of the wood handle with wire.

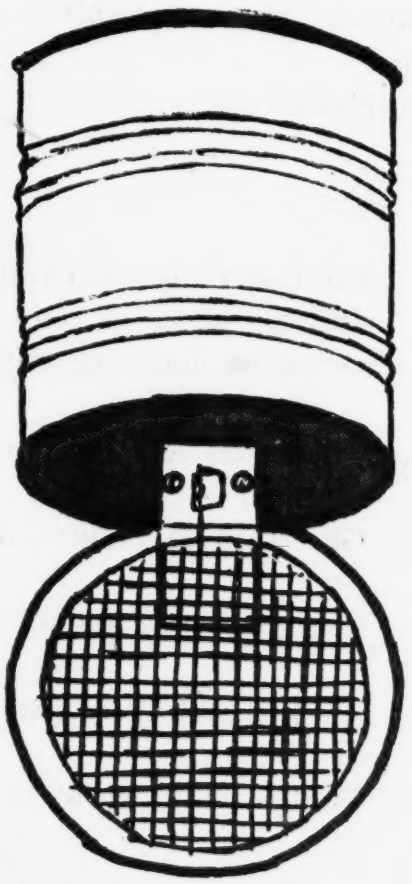




ANIMAL TRAP

MATERIAL NEEDED

1 #10 can
1 Wooden mouse trap
1 Piece of hardware cloth (screen) 7", with 1/4" mesh
Solder
Soldering iron
Screw driver
Pliers or wrench
Small drill (3/16") or nail
2 Round headed stove bolts, 3/16" x 1/2"
Tin snips



Trim wire mesh and sharp edges.

INSTRUCTIONS

1. Trim hardware cloth round (as shown in diagram) so it is just slightly larger than end of can and line the edge of hardware cloth with masking tape or adhesive tape.

2. Solder jaws of mouse trap to hardware cloth. Lacing with wire is second best.

3. Punch or drill two holes in side of can 3/4" from open end, holes 1" apart.

4. Drill two holes to match holes in can in wooden base of mouse trap, approximately 1" from center of trap.

5. Bolt trap to can with the bait end of the trap inside can.

6. Cut out (if necessary) one cross wire of hardware cloth to allow setting and springing of trap readily.

7. Set trap so that animal walks over the hardware cloth on way to bait. The screen door then closes behind the animal as trap is sprung.

8. Place a large wad of paper toweling in trap for cold weather.

9. Use peanut butter for bait.

COLLECTION BOX

MATERIALS NEEDED

Cigar box - 2" x 6" x 8" size
Piece of corrugated cardboard from grocery carton or use other such material as firtex, cork, or styrofoam
Paper - white or kraft
Glue
Mothballs (4)

INSTRUCTIONS

1. The box is already built, but can be improved by covering outside with the white or brown paper glued over the names and other advertising (painting box is also satisfactory).

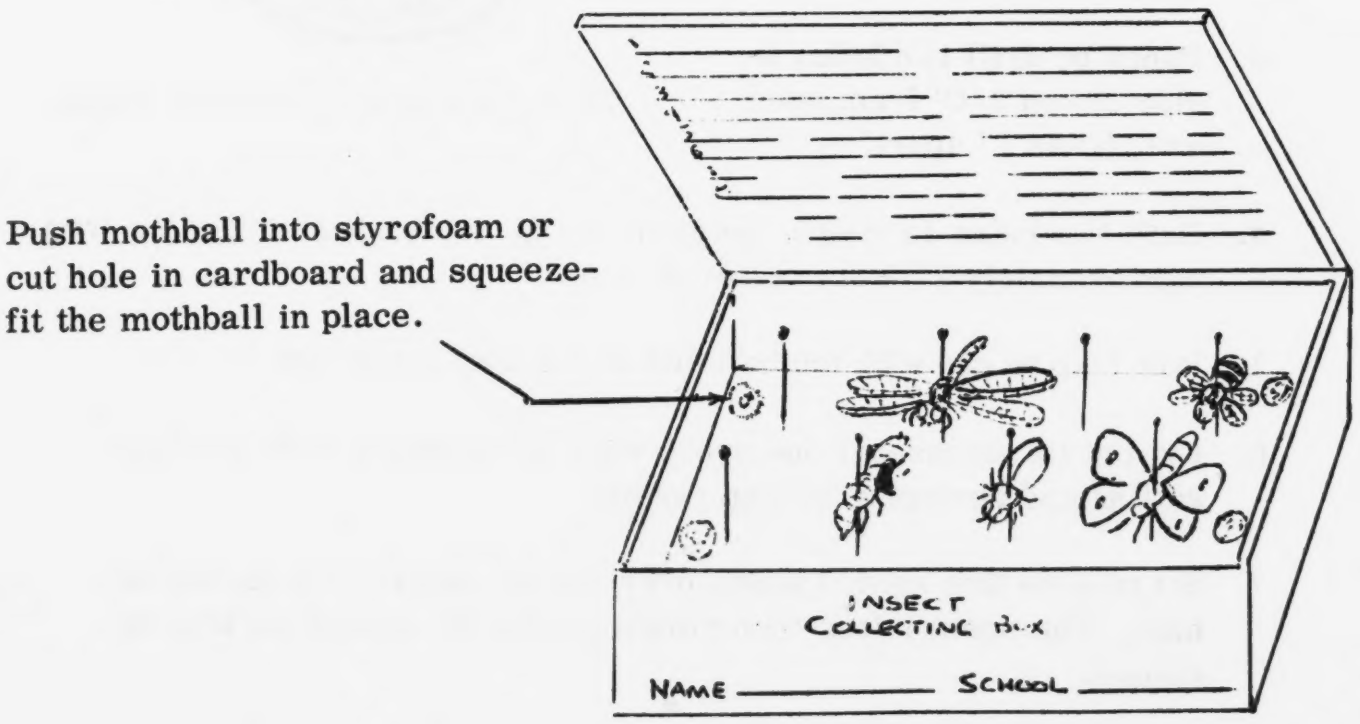
2. Cut cardboard or other soft material to fit the bottom of the box.

3. Glue this cardboard to the inside bottom of the box.

4. Place head of pin into mothballs.

5. Stick mothball or pin in box.

6. Paste lined, white paper on inside lid.


Push mothball into styrofoam or cut hole in cardboard and squeeze-fit the mothball in place.
INSECT
COLLECTING BOX
NAME
SCHOOL

THIS IS ONE OF THE SMALLEST MAMMALS IN OREGON. HE IS NOT A MOUSE, CAN YOU NAME HIM?

HE WILL EAT THREE TIMES HIS OWN WEIGHT IN A 24 HOUR PERIOD.

HOW MUCH TO <u>YOU</u> EAT IN A 24 HOUR PERIOD?

DAILY SCHEDULE & BUGLE CALLS

7:00 a.m.	Bugle	Reveille
7:20	Bugle	Chopsticks, Flag & Weather Crews Report
7:40	Bugle	Morning Colors
7:50		Breakfast
8:30		Daily Duties
8:50		Cabin Clean-up
9:15	Bugle	Inspection of Cabins - Cabins clear of people
9:30		Field Study
12:00 noon	Bugle	Chopsticks Report to Dining Hall
12:15 p.m.	Bugle	Noon Meal
1:15		Quiet Time & Showers
2:00	Bugle	Field Study
4:45	Bugle	Recreation
5:45	Bugle	Chopsticks, Flag, & Weather Crews Report
6:00	Bugle	Evening Colors
6:15		Evening Meal
7:15		Teacher Evaluation with Students & Junior Counselor Evaluation
8:00	Bugle	Campfire
9:00		Bedtime
9:15	Bugle	Tattoo
9:20	Bugle	Taps
9:15		Staff Briefing - Supervisor meets with Senior Counselors, Resource Specialists and Teachers Junior Counselors will attend this briefing when cabins are settled.

DO BRIGHT PATTERNS ON THE ANIMALS HELP THEM?

WHERE DOES THIS BEETLE LIVE? HAVE YOU FOUND

ONE AT OUTDOOR SCHOOL?

WHAT DO THE TREES MEAN TO THIS BEETLE?

LOOK FOR THESE AT OUTDOOR SCHOOL.

WEEKLY SCHEDULE

PLOT & CLASS	TIME PERIOD	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Class I RED	9:30 12:00		Orientation Water	Soils	Plants	Animal Life	Overview
	2:00 4:30	To Outdoor School Get Settled	Water	Soils	Plants	Animal Life	Home
Class II ORANGE	9:30 12:00		Orientation Soils	Plants	Animal Life	Water	Overview
	2:00 4:30	To Outdoor School Get Settled	Soils	Plants	Animal Life	Water	Home
Class III GREEN	9:30 12:00		Orientation Plants	Animal Life	Water	Soils	Overview
	2:00 4:30	To Outdoor School Get Settled	Plants	Animal Life	Water	Soils	Home
Class IV YELLOW	9:30 12:00		Orientation Animal Life	Water	Soils	Plants	Overview
	2:00 4:30	To Outdoor School Get Settled	Animal Life	Water	Soils	Plants	Home

STUDENT RESPONSIBILITIES

Each person at the Outdoor School will be assigned all duties sometime during the week. These duties are necessary in order to make your Outdoor School a pleasant place in which to live. The variety of duties you will have are explained in the following section. You should find all of these duties interesting and challenging and enter into them with a spirit of cooperation and enthusiasm. The duties of chopsticks, host or hostess, kitchen police, and Johnny Jump-up will apply for all the meals served in one day. Woodchuck and roustabout report only once during the day at 8:30 a.m. and cabin inspection once at 9:15 a.m.

HOST

Any seconds?

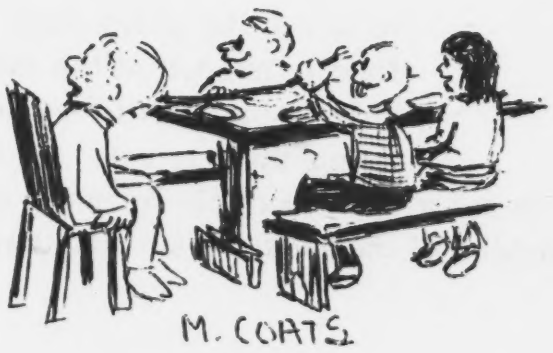
The host has many responsibilities. It is the duty of the host to invite a different staff member or visiting adult to be his guest at each meal. The host heads the table. After the rest of the table has been seated and before Johnny Jump-up goes for food, the host should remain standing and introduce his guest to the rest of the table (hostess first). It is also the responsibility of the host to serve the main dish. When more food is needed at the table, it is the duty of the host to request the Johnny Jump-up to get it. As host it is your duty to guide the conversation and to set a good example by using proper table manners at all times. Upon completion of the meal be sure to thank your guest.

HOSTESS

"Get on your mark . . ."

The hostess, like the host, has many responsibilities. The hostess also invites a staff or visitor meal guest. The hostess is at the opposite end of the table from the host. The hostess remains standing after the rest of the table has been seated and before Johnny Jump-up goes for food, she introduces her guest to the rest of the table. (Hostess does this before the host.) When the host has served the main dish to everyone, it is the responsibility of the hostess to start the salt, pepper, and butter around the table. When the entire table has been served, the hostess takes the first bite and then everyone may begin eating. Like the host, the hostess has the duty of directing the conversation and seeing that she sets a good example in the proper use of table manners. Be sure to thank your guest when the meal has been completed.

JOHNNY JUMP-UP



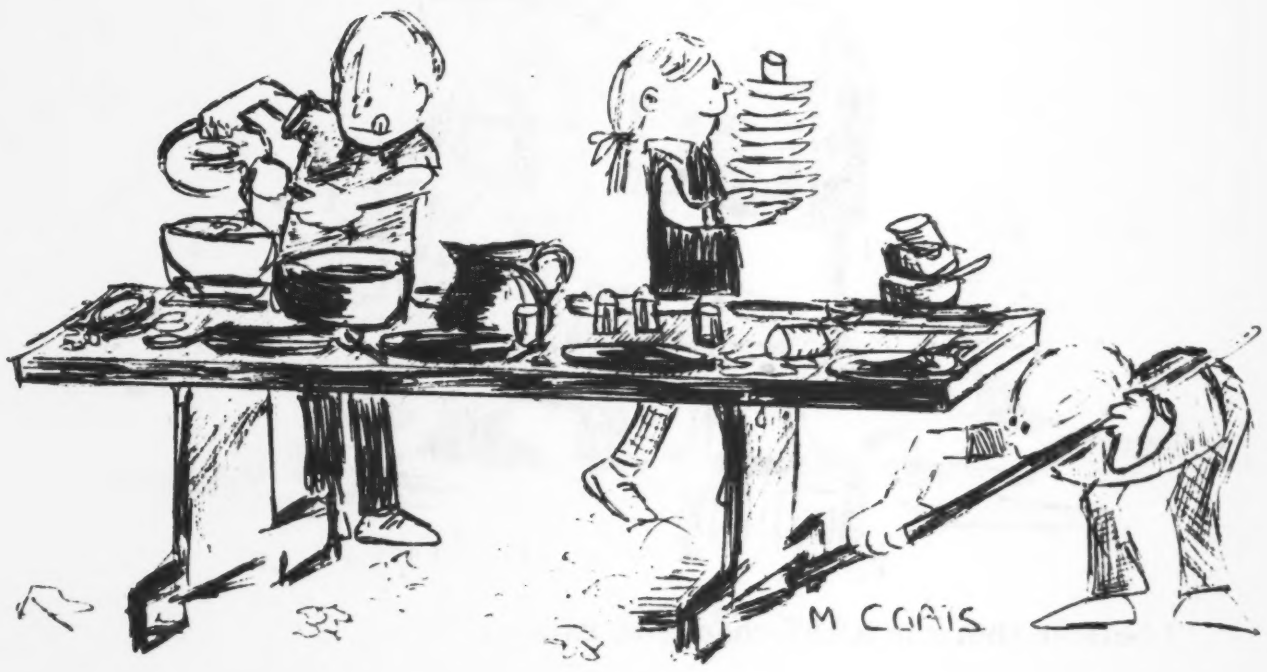
"One at a time, you dum-dum!"

It is the duty of the Johnny Jump-up to get food from the kitchen for the table as soon as guest introductions are completed. If seconds are desired, the Johnny Jump-up will go for the required food when requested by the host.

CHOPSTICKS

It is the duty of the chopsticks to see that the dining hall is ready for the meal. They work under the direction of the Dining Hall Steward to insure that all the tables are properly set. It is extremely important that the chopsticks report on time for this duty so that meals may be on time.

KITCHEN POLICE



It is the duty of the K. P.'s to remain in the dining hall after the meal and report to the Dining Hall Steward. They have the responsibility of seeing that the tables are cleared and cleaned, dishes taken to the dish washing room, and the floors are mopped or swept. Dishes will be washed by kitchen staff.

FLAG

Each morning and evening a group of students, working with a Senior Counselor, has the responsibility for conducting a flag-raising or flag-lowering ceremony, for those attending Outdoor School.

"Oh! No!"

WEATHER

"I believe there is a 10% chance of rain..."

Each morning and evening a group of students, working with a Senior Counselor, will have the responsibility to report to the weather station, read the weather instruments, and make a forecast of the weather. They will make a verbal report after breakfast or dinner meals in the dining hall.

WOODCHUCK

After the breakfast meal, a group of students will be responsible for seeing that wood is carried to the dining hall, the campfire area, and anywhere else needed. A Senior Counselor will be in charge of this duty.

ROUSTABOUT

Daily, a group of boys and girls will report to a Senior Counselor for the duty of roustabout. This duty will consist primarily of cleaning the latrines, wash houses, showers, and cleaning up the site grounds and other special details assigned by the roust-about counselor.

But we couldn't find the brush!

Duty Stations

You are responsible to see that you report on time and to the proper place for duties.

When your living group has the duty of:

HOST	Report in front of dining hall at mealtime
HOSTESS	Report in front of dining hall at mealtime
JOHNNY JUMP-UP	Report in front of dining hall at mealtime
CHOPSTICKS	Report to Dining Hall Steward in dining hall at scheduled times before each meal
KITCHEN POLICE	Remain after the meal and report to Dining Hall Steward
FLAG	Report to counselor in charge at the flag pole at scheduled times
WEATHER	Report to counselor in charge at the Weather Station at scheduled times
WOODCHUCK	Report to counselor in charge in front of dining hall after breakfast
ROUSTABOUT	Report to counselor in charge on front of dining hall after breakfast
CABIN INSPECTION	Report to counselor in charge at Outdoor School office

DUTY SCHEDULE - GIRLS

		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Grouse	1	Flag p. m.	Weather a. m.	Hostess K. P.	Hostess	Chopsticks Roustabout	J. Jump-up
	2	Weather p. m.	Flag a. m.	Hostess K. P.	Hostess	Chopsticks Roustabout	J. Jump-up
Chukar	1	Hostess	Chopsticks	J. Jump-up Flag p. m.	Hostess Woodchuck	K. P. Weather p. m.	Roustabout
	2	Hostess	Chopsticks	J. Jump-up Flag a. m.	Hostess Woodchuck	K. P. Weather a. m.	Roustabout
Quail	1	J. Jump-up	K. P. Flag p. m.	Hostess Weather p. m.	Roustabout	Hostess Woodchuck	Chopsticks
	2	J. Jump-up	K. P. Weather p. m.	Hostess Weather a. m.	Roustabout Flag a. m.	Hostess Woodchuck	Chopsticks
Mallard	1	K. P.	Hostess	Chopsticks	J. Jump-up Flag p. m.	Weather p. m.	Hostess Woodchuck
	2	K. P.	Hostess	Chopsticks	J. Jump-up Weather a. m.	Flag a. m.	Woodchuck Hostess
Pheasant	1	Chopsticks	Hostess Roustabout	Woodchuck	K. P.	Flag p. m. J. Jump-up	Hostess Weather a. m.
	2	Chopsticks	Hostess Roustabout	Woodchuck	K. P. Weather p. m.	J. Jump-up	Hostss Flag a. m.
Dove	1	Hostess	J. Jump-up Woodchuck	Roustabout	Chopsticks	Hostess	K. P.-Flag p. m. Weather a. m.
	2	Hostess	J. Jump-up Woodchuck	Roustabout	Chopsticks	Hostess Weather a. m.	K. P. Flag p. m.

Hostess
Johnny Jump-up - Go for food
Kitchen Police (K. P.) - Clean tables. scrape plates. sweep floor

Flag - Raise & lower flag
Weather - Forecasting
Woodchuck - Wood to the cabins
Roustabout - Assigned duties

DUTY SCHEDULE - BOYS

		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Bear	1	Flag p. m.	Weather a. m.	Host K. P.	Host	Chopsticks Roustabout	J. Jump-up
	2	Weather p. m.	Flag a. m.	Host K. P.	Host	Chopsticks Roustabout	J. Jump-up
Elk	1	Host	Chopsticks	J. Jump-up Flag p. m.	Host Woodchuck	K. P. Weather p. m.	Roustabout
	2	Host	Chopsticks	J. Jump-up Flag a. m.	Host Woodchuck	K. P. Weather a. m.	Roustabout
Deer	1	J. Jump-up	K. P. Flag p. m.	Host Weather p. m.	Roustabout	Host Woodchuck	Chopsticks
	2	J. Jump-up	K. P. Weather p. m.	Host Weather a. m.	Roustabout Flag a. m.	Host Woodchuck	Chopsticks
Moose	1	K. P.	Host	Chopsticks	J. Jump-up Flag p. m.	Weather p. m.	Host Woodchuck
	2	K. P.	Host	Chopsticks	J. Jump-up Weather a. m.	Flag a. m.	Host Woodchuck
Antelope	1	Chopsticks	Host Roustabout	Woodchuck	K. P.	J. Jump-up Flag p. m.	Host Weather a. m
	2	Chopsticks	Host Roustabout	Woodchuck	K. P. Weather p. m.	J. Jump-up	Host Flag a. m.
Cougar	1	Host	J. Jump-up Woodchuck	Roustabout	Chopsticks	Host	K. P. - Flagpn Weather a. m.
	2	Host	J. Jump-up Woodchuck	Roustabout	Chopsticks	Host Weather a. m.	K. P. Flag p. m.

Host
Johnny Jump-up - Go for food
Chopsticks - Set tables
Kitchen Police (K. P.) - Clean tables, scrape plates, sweep floor

Flag - Raise & lower flag
Weather - Forecasting
Woodchuck - Wood to the cabins
Roustabout - Assigned duties

DINING HALL PROCEDURE

Everyone is to wait outside the dining hall until directed to enter by the staff member in charge. The hosts, hostesses, and their guests will be asked to enter first. The Johnny Jump-ups will enter next; then the chopsticks who will sit at the table they set. The remaining students will then be requested to enter the dining hall in an orderly manner.

NOTE: When entering the dining hall do not look for a special friend to sit by, get to know some new people. "Make new friends, but keep the old. One is silver and the other is gold."

After being seated and guests introduced, you may talk in a conversational tone of voice. When singing is started, give your complete attention to the person leading the song. During announcements, remain quiet so you will be able to hear everything being said.

TABLE MANNERS

Good table manners are stressed at the Outdoor School. On the following page you will find a list of table manner terms that are used at the Outdoor School. All students, staff, and visitors are expected to follow these rules for dining. When a violation is noticed by you, simply repeat the term that applies to the violation you have observed. It should be a challenge to each of you to attempt to "catch" others on their table manners. Of course, this is always to be done in a good-humored manner. Visitors are subject to the

same table manners, however, you must recognize they have not had the same chance as you to study the manners, therefore, you should remind them of violations in a polite and helpful manner.

"WHEN THE HAND GOES UP, THE MOUTH GOES SHUT!"

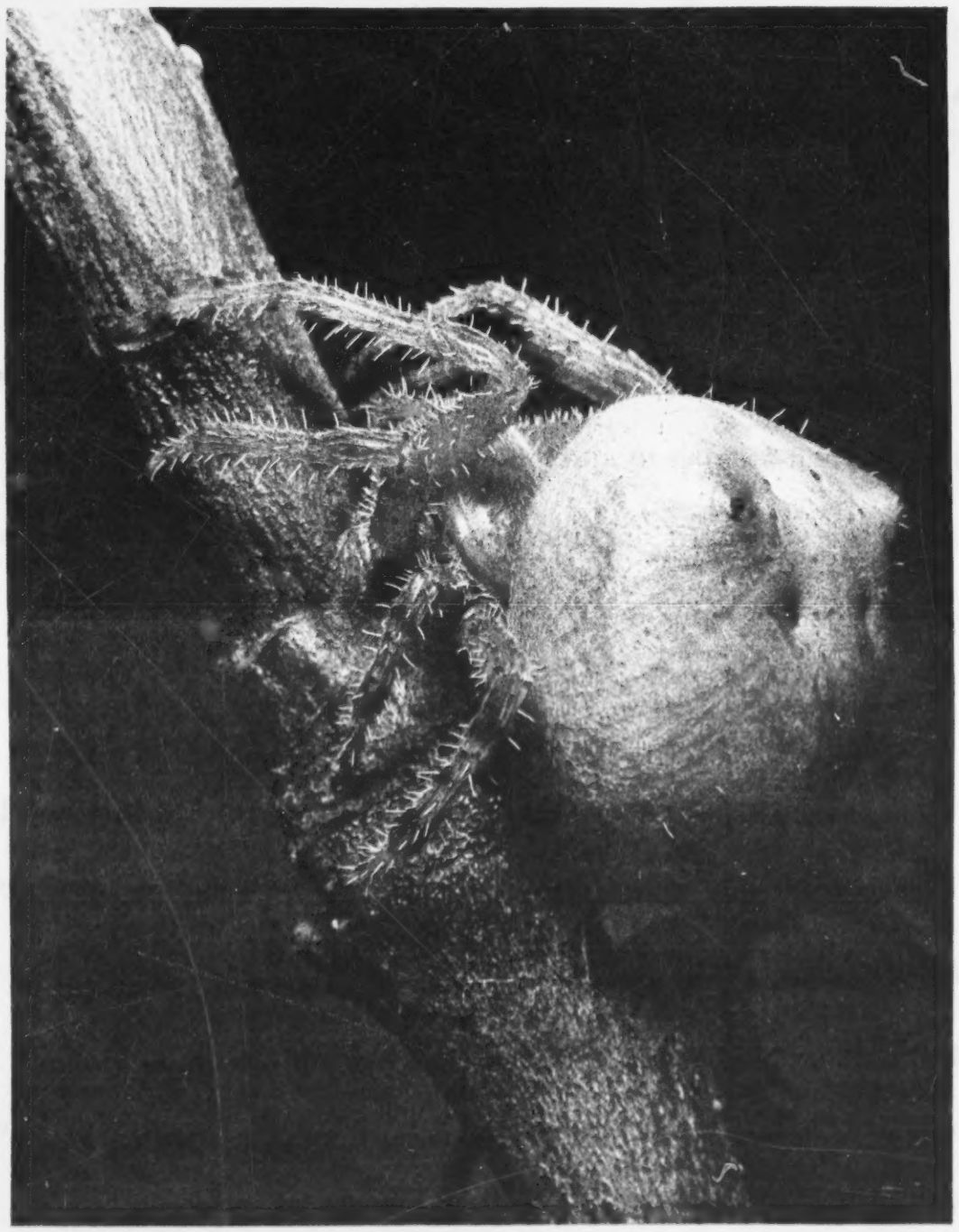


TABLE MANNERS

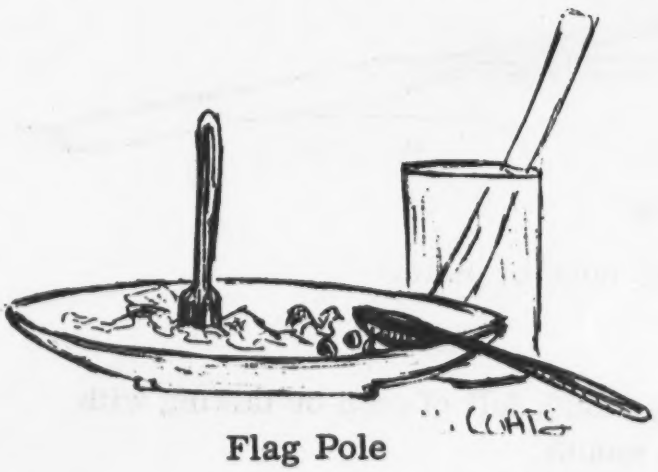
TERMS FOR TABLE MANNERS

Not passing the salt and pepper together.

Breaking up a Friendship

Elbows on Table

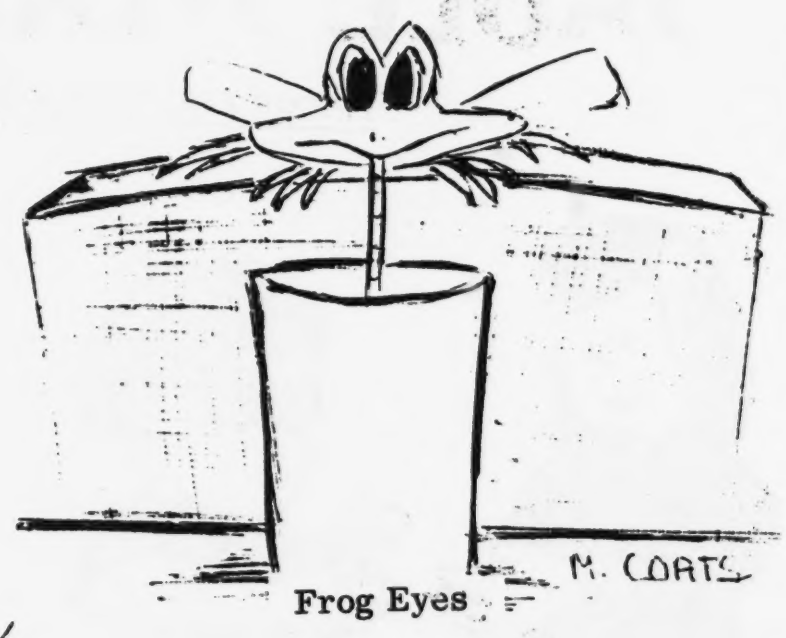
Mable, Mable, strong and able, get your elbows off the table.



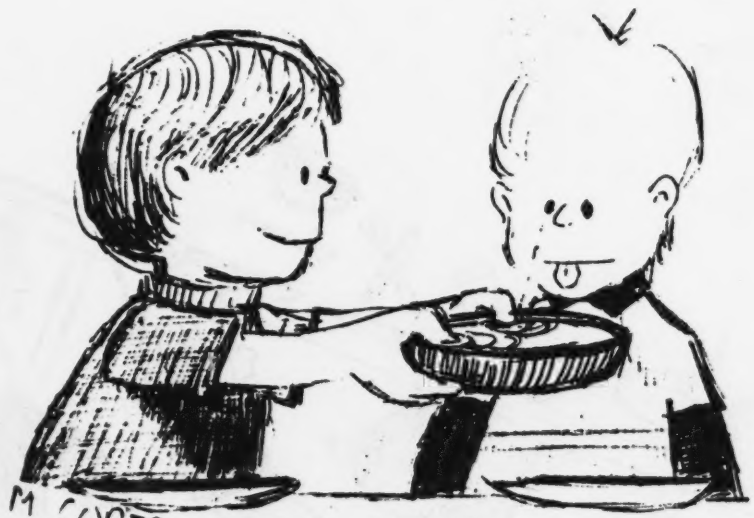
Flag Pole

Leaving spoon in cereal or dessert bowl.

Looking over top of cup or glass instead of down into it.



Frog Eyes

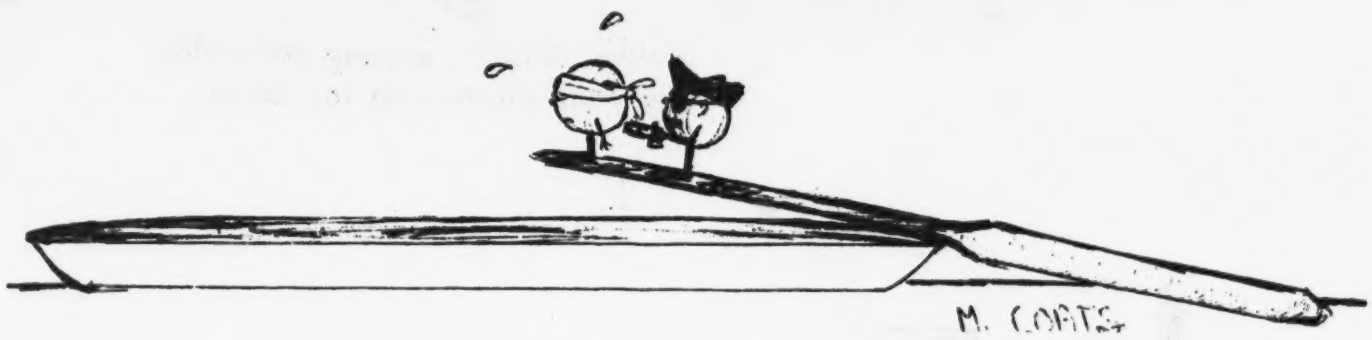


Finger Painting

Thumbs in bowl or plate while passing.

Table Decoration - Napkin on table and not on lap.

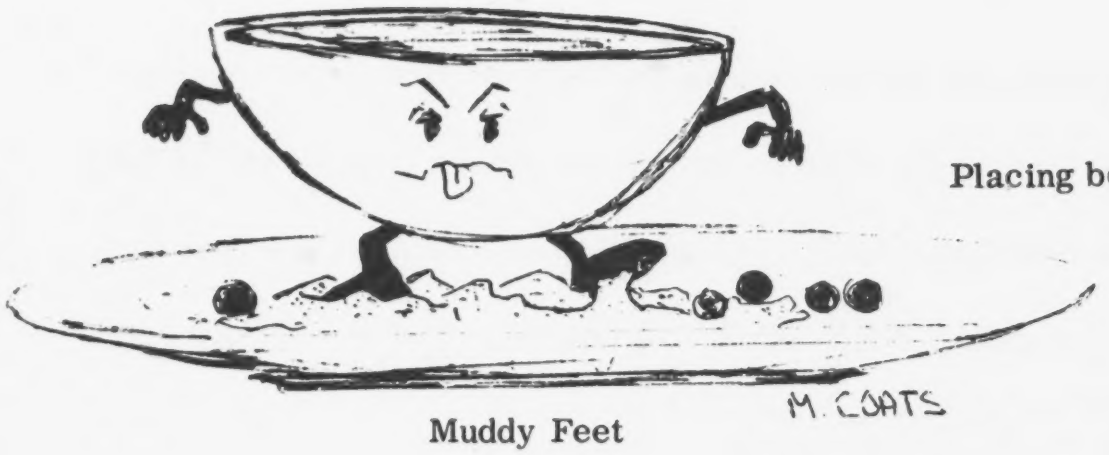
Floor Decoration - Napkin on floor.



Gang Plank

Resting knife on table and edge of plate.

Full House - Stuffing mouth full of food or talking with food in mouth.

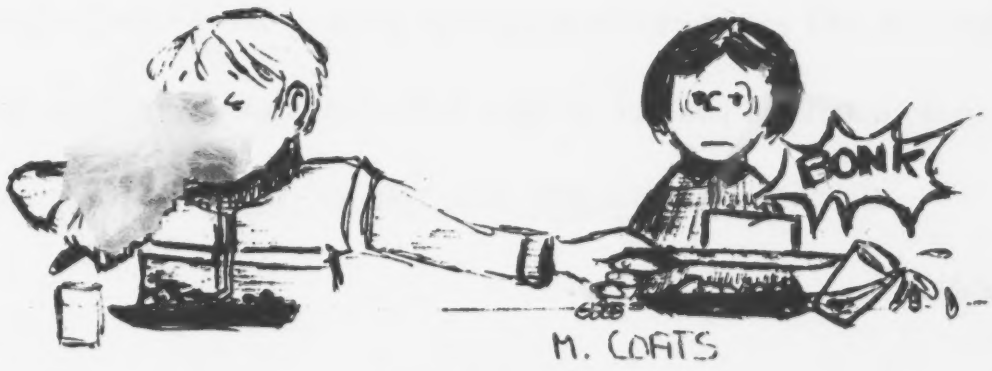


Muddy Feet

Placing bowl on used plate.

Time Check - Silverware not placed at 10 to 4 on plate when meal is finished.

Not passing food using opposite hand.



Reckless Driver

Traffic Jam

Not passing things one at a time or so that they meet going in opposite directions.

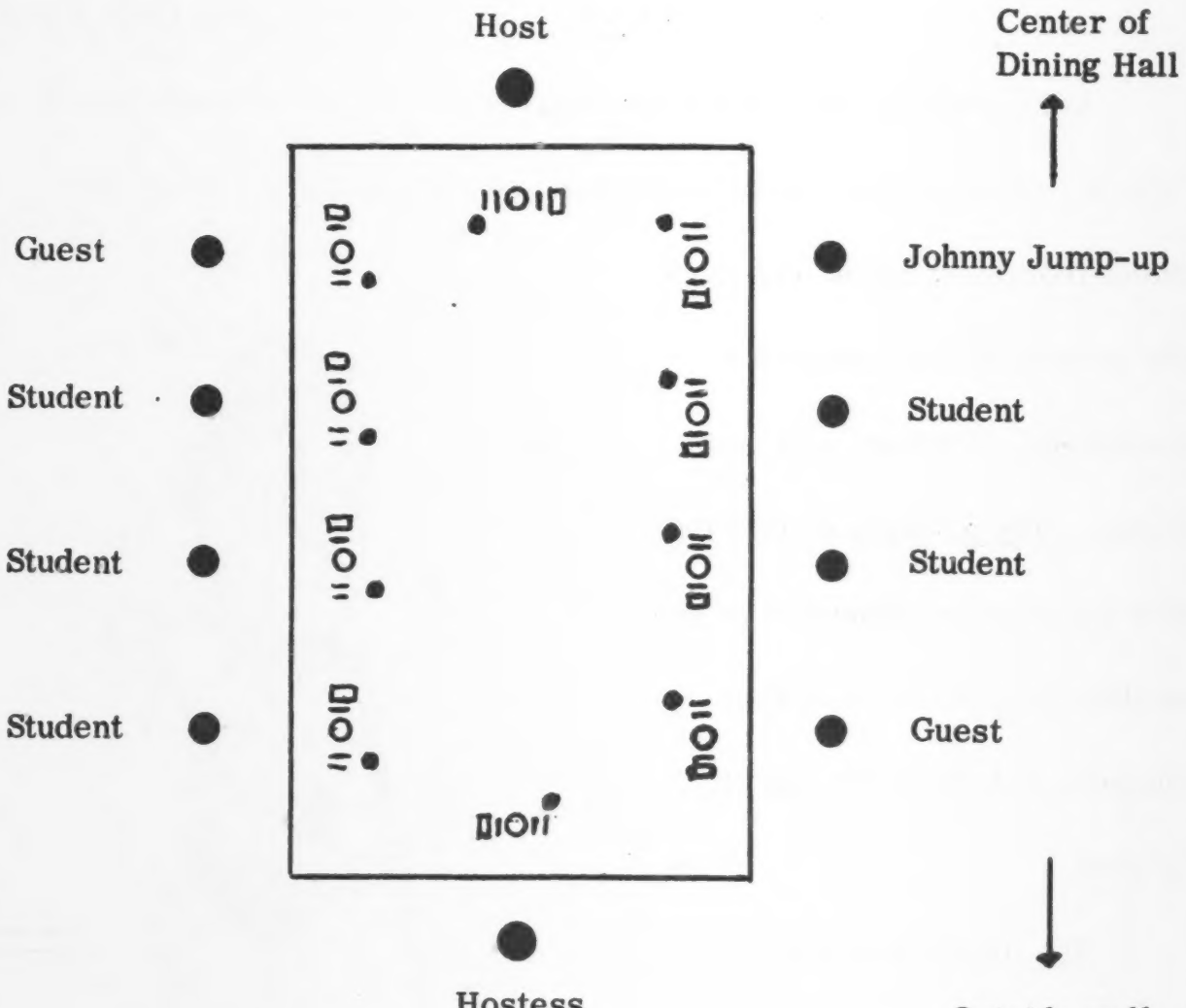
When passing food, you should pass to the right the first time around. Once an item has gone around the table it can then be passed either right or left, depending on which is most convenient. Pass food by reaching across your body with opposite hand, take plate, switch hands in front, and pass on with opposite hand.

All meals served at the Outdoor School are prepared by a school dietician and special effort is made to see that they are well balanced. It is hoped that you will eat everything on your plate. Even though there may be some things you do not like, you are to take three bites of everything on your plate.

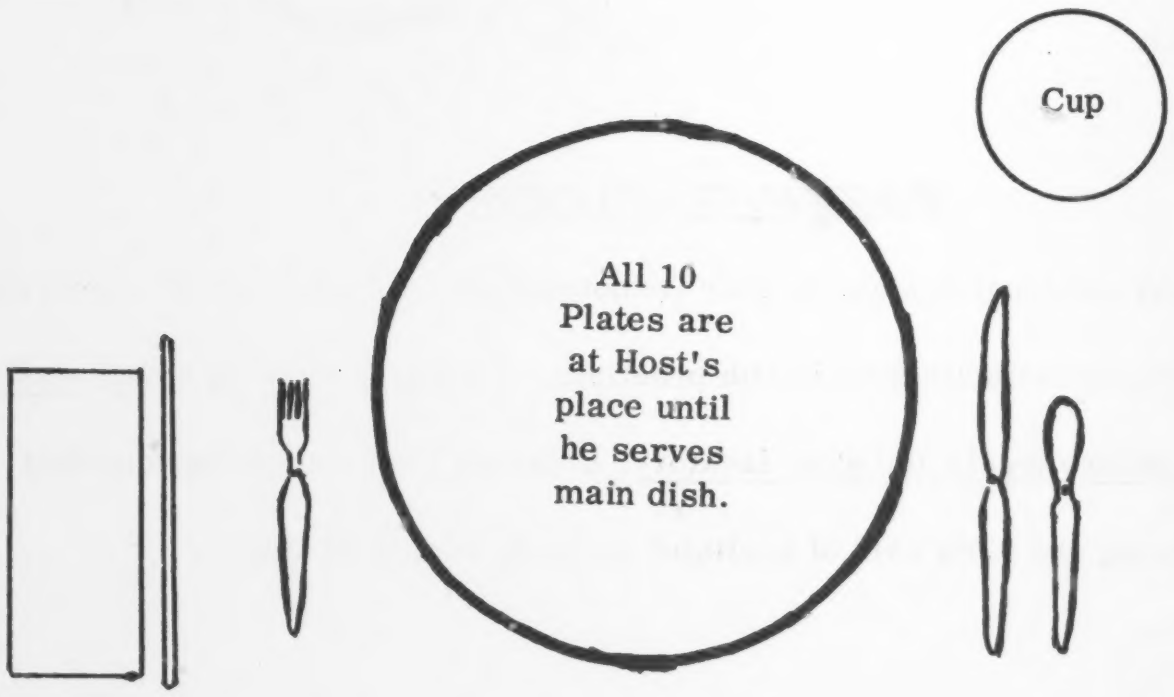
Don't forget PLEASE and THANK YOU when asking for articles at the table.

Frog Eyes!

TABLE SEATING ARRANGEMENT



PLACE SETTING ARRANGEMENT



CABIN CLEAN-UP AND INSPECTION PROCEDURE

Each morning after breakfast there will be approximately thirty minutes in which to prepare for Cabin Inspection. An inspection group composed of one student from each cabin will carefully inspect all the cabins for cleanliness, neatness, and uniformity. The grounds around the cabin will also be inspected to see that they are clean. A Senior Counselor will be in charge of this duty.

The diagram in the following section should be followed closely to insure everyone arranging their bunks and cabins in the same order.

PERSONAL CLEANLINESS

Your personal hygiene is your responsibility. Adequate time is provided daily for you to maintain good health practices. Changing clothing daily, washing hands before meals and after lavatory, brushing teeth, combing your hair, and showering are a big part of healthful living in the out-of-doors.

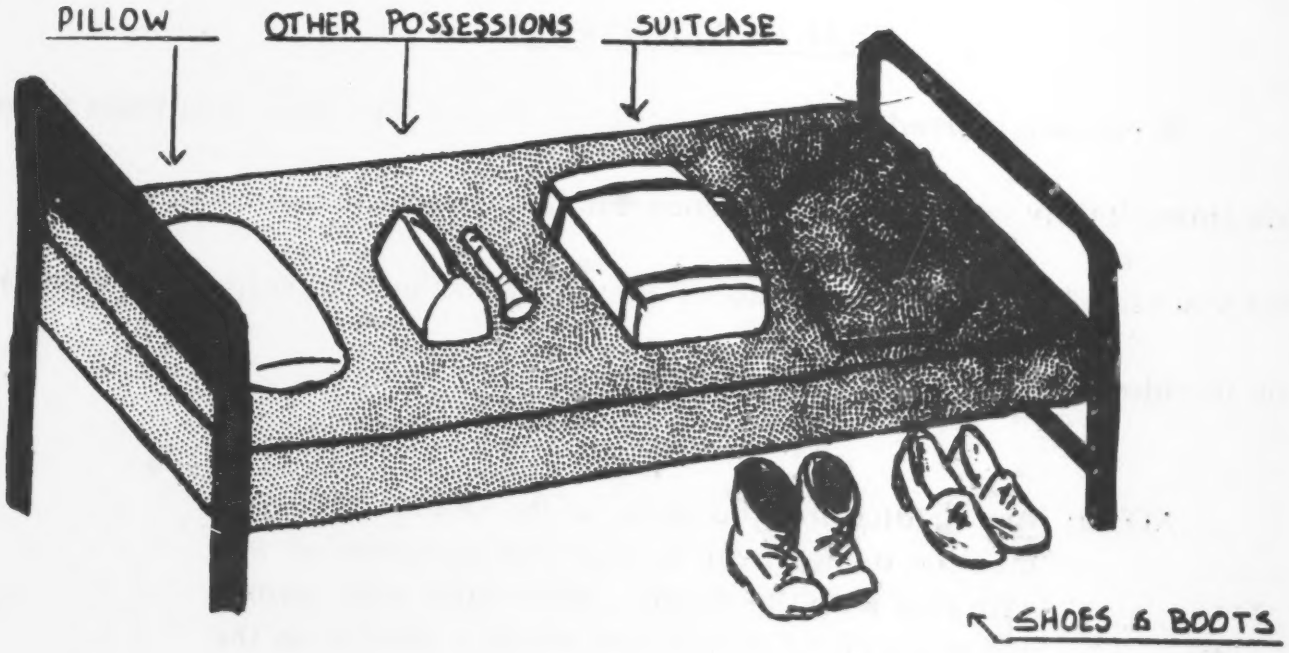
HEALTH AND SAFETY

If you are injured in any way or if you do not feel well, you must report this immediately to your teacher, counselor, or staff member who will see that you visit the nurse. Remember, the nurse is there to help you and wants you to enjoy your stay at the Outdoor School.

NOTE: Any medication you bring to the Outdoor School must be turned over to your cabin counselor who will give it to the nurse. Make sure your name and prescribed dosage are written clearly on the container. The nurse is responsible to see that your medication is given to you as required, but you must appear at the dispensary at the proper time. This is your responsibility.

WRITING HOME

Very early in the week you will be encouraged to write a letter home letting your parents know you arrived safely. Place your letters in the central collection box in the Dining Hall. Write to your parents and friends several times during the week. You will also be able to receive mail while at the school. Be sure your parents know the address.



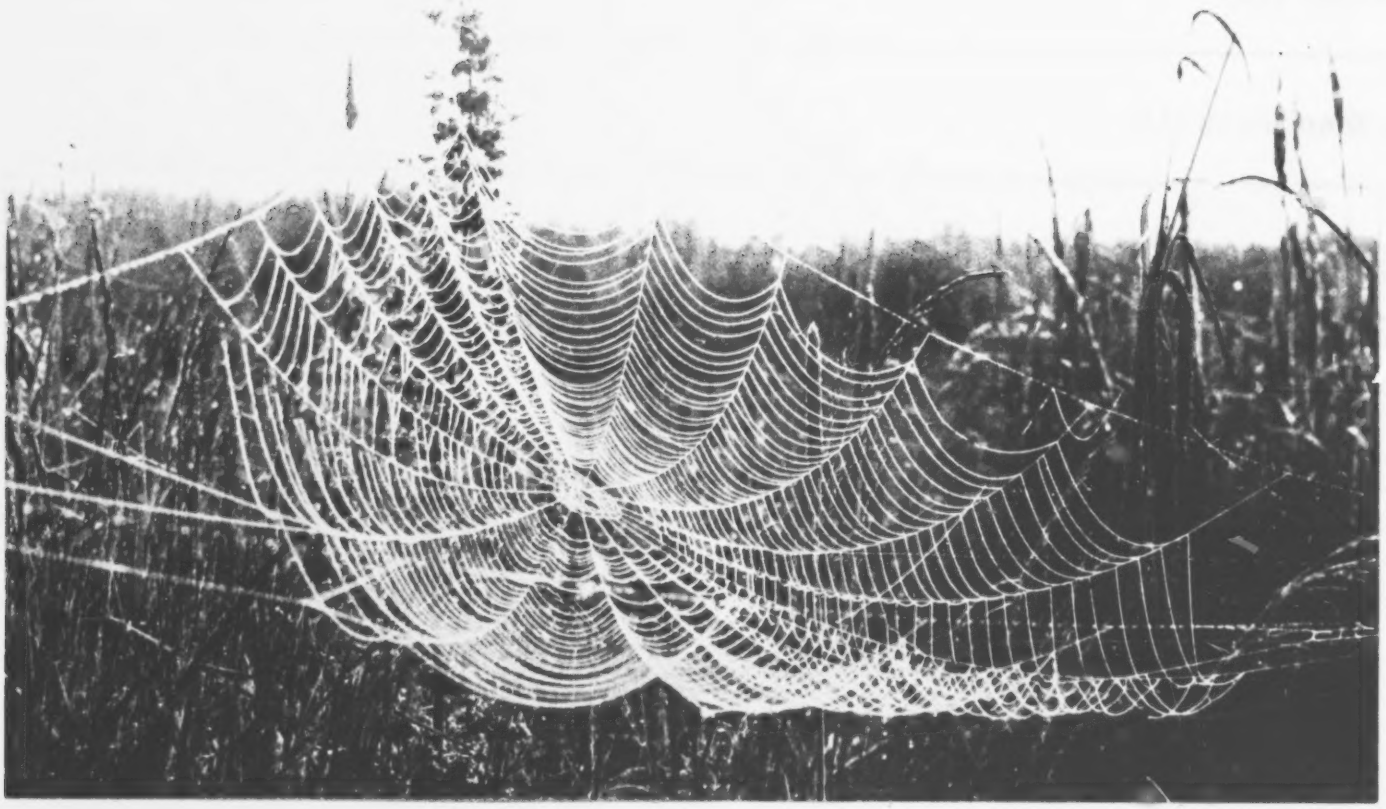
HINTS FOR CABIN INSPECTION

The following page shows what will be graded in each of your cabins and on the grounds around the cabin. Here are some suggestions which should help you to have a good inspection score.

Bunks	Are the sleeping bags or blankets pulled smooth?
Gear	Is all the gear off the floor? Is the gear placed neatly on the bunks? Has each person placed his or her gear as shown in the diagram above? Is the damp towel and wash cloth hanging on the back of the bunk?
Shoes	Is the footgear in line with the bed post? Do all shoes have toes pointing to the center of the cabin? Are all shoe laces tucked in or tied in a bow? Have the shoes been dusted?
Cleanliness	Have ledges, shelves, and window sills been dusted?
Floor	Is the floor clean? (Check around bed posts)
Grounds:	You will also be responsible for the appearance of the outside of your cabin and the grounds around it. Be sure all litter has been picked up.

Do the cabin and grounds look like a pleasant place to live? Do whatever you can to improve the overall appearance. DO NOT PLACE ROCKS, FIRE WOOD, OR PICKED PLANTS AROUND CABINS.

By following the helpful hints above and by working as a member of a cooperating team, your cabin will be a pleasant place in which to live.



CABIN INSPECTION

POINTS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
Bunks (10)				
Gear (10)				
Shoes (10)				
Floor (10)				
Cleanliness (10)				
Grounds (10)				
COMMENTS				
TOTAL				
(Possible score - 60)				

"Shall I not have intelligence with the earth? Am I not partly leaves and vebetable mold myself?"

"Heaven is under our feet as well as over our heads."

Thoreau

WHAT IS WATER?

HOW DO PLANTS HELP TO STORE WATER?